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*concl.* the forgoing applications being incorporated herein by reference. This application also claims priority from co-pending Provisional Application Serial No. 60/246,401 filed on November 7, 2000 which is entitled "SYSTEM AND METHOD FOR THE DETERMINISTIC DELIVERY OF DATA AND SERVICES," the disclosure of which is incorporated herein by reference.

**REMARKS**

The examiner is invited to contact the undersigned at the phone number indicated below with any questions or comments, or to otherwise facilitate expeditious and compact prosecution of the application.

Respectfully submitted,



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**APPENDIX**  
**AMENDMENTS TO THE SPECIFICATION**

Replacement paragraph for page 1, line 7 to page 2, line 5:

This application is a continuation of Application Serial No. 09/947,869, which was filed September 6, 2001 and is entitled "SYSTEMS AND METHODS FOR RESOURCE MANAGEMENT IN INFORMATION STORAGE ENVIRONMENTS", which is in turn [claims priority from] a continuation-in-part of co-pending United States Patent Application Serial Number 09/879,810 filed on June 12, 2001 which is entitled "SYSTEMS AND METHODS FOR PROVIDING DIFFERENTIATED SERVICE IN INFORMATION MANAGEMENT ENVIRONMENTS," and also claims priority from co-pending Provisional Application Serial No. 60/285,211 filed on April 20, 2001 which is entitled "SYSTEMS AND METHODS FOR PROVIDING DIFFERENTIATED SERVICE IN A NETWORK ENVIRONMENT," and also claims priority from co-pending Provisional Application Serial No. 60/291,073 filed on May 15, 2001 which is entitled "SYSTEMS AND METHODS FOR PROVIDING DIFFERENTIATED SERVICE IN A NETWORK ENVIRONMENT," the disclosures of each of the forgoing applications being incorporated herein by reference. This application [also claims priority from] is also a continuation-in-part of co-pending United States Patent Application Serial No. 09/797,198 filed on March 1, 2001 which is entitled "SYSTEMS AND METHODS FOR MANAGEMENT OF MEMORY," and [also claims priority from] is also a continuation-in-part of co-pending United States Patent Application Serial No. 09/797,201 filed on March 1, 2001 which is entitled "SYSTEMS AND METHODS FOR MANAGEMENT OF MEMORY IN INFORMATION DELIVERY ENVIRONMENTS," and also claims priority from co-pending Provisional Application Serial No. 60/246,445 filed on November 7, 2000 which is entitled "SYSTEMS AND METHODS FOR PROVIDING EFFICIENT USE OF MEMORY FOR NETWORK SYSTEMS," and also claims priority from co-pending Provisional Application Serial No. 60/246,359 filed on November 7, 2000 which is entitled "CACHING ALGORITHM FOR MULTIMEDIA SERVERS," the disclosures of each of the forgoing applications being incorporated herein by reference. This application [also claims priority from] is also a continuation-in-part of co-pending United States Patent Application Serial Number

09/797,200 filed on March 1, 2001 which is entitled "SYSTEMS AND METHODS FOR THE DETERMINISTIC MANAGEMENT OF INFORMATION" which itself claims priority from Provisional Application Serial No. 60/187,211 filed on March 3, 2000 which is entitled "SYSTEM AND APPARATUS FOR INCREASING FILE SERVER BANDWIDTH," the disclosures of each of the forgoing applications being incorporated herein by reference. This application also claims priority from co-pending Provisional Application Serial No. 60/246,401 filed on November 7, 2000 which is entitled "SYSTEM AND METHOD FOR THE DETERMINISTIC DELIVERY OF DATA AND SERVICES," the disclosure of which is incorporated herein by reference.